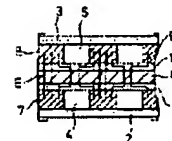
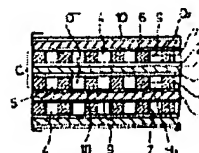


**SOLID ELECTROLYTE TYPE FUEL CELL****Publication number:** JP4126365**Publication date:** 1992-04-27**Inventor:** KUBO MASAKAZU; ONO MAKOTO; HOSAKA AKIO**Applicant:** ISHIKAWAJIMA HARIMA HEAVY IND**Classification:****- international:** H01M8/02; H01M8/12; H01M8/24; H01M8/02; H01M8/12; H01M8/24; (IPC1-7): H01M8/02; H01M8/12**- European:** H01M8/02C; H01M8/12B2; H01M8/24B2H**Application number:** JP19900248168 19900918**Priority number(s):** JP19900248168 19900918[Report a data error here](#)**Abstract of JP4126365**

**PURPOSE:** To enable a current to flow easily in the wide range of separators and improve adhesiveness of contact parts by making gas passage structures for forming gas passages on an oxygen pole side and a fuel pole side of an equal material and by covering the separator surfaces with thin films of an equal material to electrodes. **CONSTITUTION:** Gas passages 4 on an oxygen pole side are formed of gas passage structures 7 of an equal material to an oxygen pole, and gas passages 5 on a fuel pole side are formed of gas passage structures 8 of an equal material of a fuel pole, also the surfaces of separators 6, with which the respective gas passage structures 7, 8 come in contact, are covered with thin films 9, 10 consisting of the same electrode material with the gas passage structures 7, 8. Thereby, a current flows along the films covering the separators so that the current is enabled to flow by using a wide range of the separators, and since both of the gas passage structures and the separator surface thin films are of the same material in spite of separate bodies, adhesiveness of both of them can be improved.



Data supplied from the esp@cenet database - Worldwide